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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/804,415	03/19/2004	Chung-Ren Wang	250908-1220	7263
24504	7590	07/26/2007		
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP 100 GALLERIA PARKWAY, NW STE 1750 ATLANTA, GA 30339-5948			EXAMINER TURCHEN, JAMES R	
			ART UNIT 2139	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Office Action Summary	Application No. 10/804,415	Applicant(s) WANG ET AL.	
	Examiner James Turchen	Art Unit 2139	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 3/19/2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claims 1-20 are pending.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1 and 3-7 rejected under 35 U.S.C. 102(a) as being anticipated by PBDM:

A Flexible Delegation Model in RBAC (hereinafter PBDM).

Regarding claim 1:

PBDM discloses a delegation method, implemented in a delegation system, comprising the steps of:

providing delegation policies as general rules for limiting delegation (Abstract, security administrator specify the permissions that a user (delgator) has authority to delegate to others (delegate));

receiving a delegation condition and a delegation approval submitted by a grantor for vesting authority of the grantor's role to a grantee, wherein the grantor's role is designated the authority to access a set of data (page 149, three types of situations in which delegation takes place (the third type specifies access authority in order to share information; page 152, 2nd column, when John wants to delegate, Jenny receives delegation conditions (group and temporary (time-based)))); and

determining consequent authority vested to the grantee based on the delegation approval, the delegation condition and the delegation policies (page 152, 2nd column, Jenny has access to change_schedule and role PE).

Regarding claims 3 and 4:

The method as claimed in claim 1, wherein the delegation condition comprises a static condition for limiting the vested authority, the static condition comprising at least a total time condition, a time condition, a location condition or a function condition (page 152, a temporary role is created by John (temporary is defined as not permanent, therefore a time condition is in place)).

Regarding claims 5 and 6:

The method as claimed in claim 1, wherein the delegation condition comprises a dynamic condition for limiting the vested authority, the dynamic condition comprising at least a session condition or a group condition (page 152, John assigns Jenny to D2 with group condition change_schedule and role PE).

Regarding claim 7:

The method as claimed in claim 1, further comprising the steps of:

storing the vested consequent authority as consequent delegation information (it is inherent that the vested consequent authority be stored);

creating a temporary role according to the consequent delegation information using a role-based system (page 152, steps P1 and P2 create a temporary role); and

designating the temporary role to the grantee (page 153, step P3 discloses assigning the role).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 2, 8, and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over PBDM as applied to claim 1 above, and further in view of RBAC Policies In XML For X.509 Based Privilege Management (hereinafter RBAC).

Regarding claim 2:

PBDM discloses the method as claimed in claim 1, but does not disclose wherein the delegation condition is presented in extensible markup language (XML).

RBAC discloses using XML to present the delegation condition (pages 13 and 14). It would have been obvious to one of ordinary skill in the art at the time of invention

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to modify the method of PBDM with the method for using XML of RBAC in order to facilitate the sharing of data across different information systems.

Regarding claim 8:

PBDM and RBAC disclose the method as claimed in claim 1, wherein the determining step further comprises the steps of:

determining whether the delegation condition satisfies the delegation policies (RBAC, page 12, The IF clause specifies conditions which must be satisfied in order for the actions to be granted);

adjusting the delegation condition to the delegation policies when the delegation condition does not satisfy the delegation policies (RBAC, page 12, the policy implicitly operates the Deny All Unless Explicitly Granted rule, thus if the condition is not met it will be changed to a deny all); and

acquiring a consequent delegation condition, where the consequent delegation condition comprises, when the delegation condition does not satisfy the delegation policies, the adjusted delegation condition or, when the delegation condition satisfies the delegation policies, comprises the delegation condition (RBAC, when the delegation condition is met, the current delegation is kept, but when the delegation condition is not met, the consequent delegation condition and policy is set to deny the access).

Regarding claim 9:

The method as claimed in claim 8, further comprising the steps of:

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determining whether usage of the set of data satisfies the consequent delegation condition (RBAC, the delegation condition will be inherently checked each and every access); and

retracting the vested authority when usage of the set of data does not satisfy the consequent delegation condition (PBDM, it is inherent that the temporary role will be revoked after the time condition or the grantor removes the permission).

Claims 10-15 correspond to the system of claims 1-9 and claims 15-20 correspond to the machine-readable storage medium of claims 1-9 and are hereby rejected with the same logic as the rejection of claims 1-9.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Turchen whose telephone number is 571-270-1378. The examiner can normally be reached on MTWRF 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571)272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JRT



CHRIS TINN LAFORGIA